

# **Holiday Mobile Estates**

## **2016 Water Quality Report**

PWS ID #MD-0020211

Water System Owner: Holiday Mobile Estates Inc.

Water System Operator: Donald DeHart, Maryland State License #6230

### **Is my water safe? YES**

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and Maryland State drinking water health standards. Holiday Mobile Estates Inc. owns the property surrounding its water wells and monitors activity to safeguard its water supply and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

### **Do I need to take special precautions?**

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

### **Where does my water come from?**

Holiday Mobile Estates Inc. owns and operates 2 water wells, each is approximately 300 ft deep. The water wells are located within 50 feet of the Water Treatment Facility, which is located at the playground in C section, on Holiday Mobile Estates Inc.'s property.

Melting snow and rain filter down through the ground to form Aquifers, which are rivers of water under the ground. The Aquifer we draw our water from is the Patuxent Formation. The water is pumped from the wells to the Water Treatment Facility where we remove the hardness (natural minerals in the water) and iron with an Ion Exchange Water Softening System. We then adjust the pH (a measure of acid and base properties) with Sodium Hydroxide. Then we add Sodium Hypochlorite (chlorine) as a disinfectant to protect against microbial contaminants. In 2016 Holiday Mobile Estates Inc. Water Treatment Facility pumped and processed 33,574,000 gallons of water.

## Why are contaminants in my drinking water?

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

## Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data though representative of the water quality, may be more than one year old.

## Water Quality Test Results

### Definitions:

#### Avg:

The following tables contain scientific terms and measures, some of which may require explanation.

Regulatory compliance with some MCLs are based on running annual average of monthly samples.

#### Level 1 Assessment:

A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

#### Level 2 Assessment:

A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

#### Maximum Contaminant Level or MCL:

The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

#### Maximum Contaminant Level Goal or MCLG:

The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

#### Maximum residual disinfectant level or MRDL:

The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

#### Maximum residual disinfectant goal or MRDLG:

The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

mrem: millirems per year (a measure of radiation absorbed by the body)  
 na: not applicable.  
 ppb: micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water.  
 ppm: milligrams per liter or parts per million - or one ounce in 7,350 gallons of water.  
 Treatment Technique or TT: A required process intended to reduce the level of a contaminant in drinking water.

### Contaminants Detected:

TEST RESULTS						
Contaminant	Violation Y/N	Highest Level Detected	Unit	MCL	MCLG	Likely Source of Contamination
<b>Inorganic Contaminants</b>						
Copper (2014) (distribution)	N	90 <sup>th</sup> Percentile .19	mg/L	AL 1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits.
Nitrate (as Nitrogen) (2016)	N	ND	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Lead (2014) (distribution)	N	0	ppb	AL=15.0	0	Corrosion of household plumbing systems; erosion of natural deposits
Fluoride	N	0.1	ppm	4.0	4	Erosion of Natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer, aluminum factories. Range of Levels Detected 0 - 0.1
<b>Unregulated Contaminants</b>						
Sodium (2016)	N	33	ppm	n/a	n/a	Erosion of natural deposits
pH	N	7.5		n/a	n/a	Erosion of natural deposits
<b>Regulated Contaminants - Disinfectants &amp; Disinfection By-products</b>						
Chlorine	N	.9	ppm	MRDL 4	MRDLG 4	Added to control Microbes. Range of Levels Detected = .6 - .9
Halocetic Acids	N	3	ppb	60		By-product of drinking water disinfection. Range of Levels Detected = 3.1 - 3.1

**Violations:**

Holiday Mobile Estates Water Treatment Facility did not have any violations in 2016.

**Testing:**

Holiday Mobile Estates Inc. uses an independent MD State certified private laboratory to test the drinking water.

In January we tested for nitrates. Results (mg/l) ND, the MCL allowed is 10 mg/l, with a Reporting Level of 0.5 mg/l

There were 12 monthly bacteriologic tests performed, all test results where 0 detected.

For all those concerned about lead in the drinking water please note: In September of 2014 Holiday Mobile Estates, with the cooperation of 10 volunteer residents, collected 10 Lead and 10 Copper water samples for testing. All Lead samples came back ND, which means there was no lead detected in our water. Copper was detected in 7 samples ranging from .05 up to .38 which is still well under the MCLG and MCL for copper. Holiday Mobile Estates Inc. is required to test for lead and copper every three years.

"If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Holiday Mobile Estates WTP is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your drinking water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the EPA Safe Drinking Water Hotline at 1-800-426-4791 or at <http://www.epa.gov/safewater/lead>."

We are proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected and the EPA has determined that your water is SAFE at these levels.

**For more information contact:**

Holiday Mobile Estates WTP  
Phone: 410-799-3477  
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